IN THE SPECIFICATION:

On page 1, line 3, please delete the present title and replace with the following title:

~~Chewing gum for the remineralization of tooth enamel~~

Chewable Mass for the Remineralization of Tooth Enamel

On page 1, lines 5-6, please amend this paragraph as follows:

The present invention relates to a ~~chewing gum~~ chewable mass for the remineralization of tooth enamel, as well as to a method for the production of such a ~~chewing gum~~chewable mass.

On page 3, lines 2-10, please amend this paragraph as follows:

A possible way to produce the aforementioned temporary concentration profile in the oral cavity is through ~~chewing gum~~ chewable masses, particularly in the form of fruit gum, which ~~is~~ are enriched with calcium and phosphate. Such ~~chewing gum~~ chewable masses are ~~is~~ described in European Patent EP 0 648 108 B1 in a general way regarding the concentrations of calcium and phosphate together with other exemplary embodiments. There it is proposed that a concentration of calcium in the ~~chewing gum~~ chewable mass be adjusted between 200 mMol/kg and 800 mMol/kg and that of phosphate in the range of 50 mMol/kg and 400mMol/kg. A production process for such a ~~chewing gum~~chewable mass is not disclosed.

On page 3, lines 23-24, please amend this paragraph to read as follows:

A similar product is also not on the market. The problems in production are not solved by the state of the art, in particular not for ~~chewing gum~~ chewable mass on a gelatin basis.

On page 4, lines 8 – 15, please amend this paragraph as follows:

The object to be achieved now consists of introducing calcium and phosphate in suitable modification as well as sufficient quantity into the production process of ~~chewing gum~~ chewable mass (in particular fruit gum) so that the finished product corresponds to the requirements in effectiveness, without the taste and transparency of the ~~gum~~ chewable mass or the "tactile feel

between the teeth", that is to say the bite or chewing feel of the finished product, being impaired. It is also an object of the invention to create a ~~chewing gum~~ chewable mass having good effect with reduced concentrations of calcium and phosphate.

On page 4, lines 20 – 21, please amend this paragraph as follows:

Because with the inventive method for the production of a ~~chewing gum~~ chewable mass for the remineralization of tooth enamel the following steps are proposed:

On page 5, lines 9 - 14, please amend these paragraphs as follows:

e. forming of the ~~gum~~ mass and drying, for example in corn starch molds.

A transparent and homogeneous ~~chewing gum~~ chewable mass with the desirable properties as regards caries prevention and for influencing initial caries is obtained. The product made by this method is distinguished by particularly good transparency and homogeneity.

On page 5, line 22 through page 6, line 6 (previously erroneously indicated as page 6, lines 1-9 on the preliminary amendment), please amend this paragraph as follows

Because with a ~~chewing gum~~ chewable mass produced by the inventive method it is proposed that the calcium content is between 30 mMol/kg and 190 mMol/kg (1.4 g/kg to 9.0 g/kg) related to the finished product, a long-term stable product which can be produced simply, but which exhibits a good effect in vivo, is available. This effect is achieved due to the fact that the local concentration is particularly high due to the ~~chewing gum~~ chewable mass adhering on the tooth surface, and saliva-conditioned removal of calcium and phosphate ions does not take place to a significant degree in the contact area between the ~~chewing gum~~ chewable mass and the tooth. In particular the phosphorus content can lie between 15 mMol/kg and 500 mMol/kg with this calcium concentration.

Please also amend the abstract to the specification to read as follows: